

**MONTHLY SUMMARY REPORT  
FOR THE NUEVO LAREDO SANITATION PROJECT  
MARCH 1998**

**Collectors:**

During the month of March 1998, maintenance work was performed on 300 meters of the collector system, consisting of desilting activities. In general, the collectors are operating normally. Repair work was completed on the Chihuahua subcollector between Morelos and Allende.

**Pump Station:**

During the month of March 1998, the monthly average of sewage pumped was 744 l/s with a daily average maximum of 1,014 l/s on March 12, 1998 and a daily average minimum of 343 l/s on March 19, 1998. The raw sewage parameters had a monthly average of Biochemical Oxygen Demand (BOD5) of 135 mg/l, Total Suspended Solids (TSS) of 154 mg/l, and pH of 7.48. The low flow on March 19, 1998 was due to the electrical blackout that had a duration of 9 hours. The equipment and structures are inspected and maintained based on a general maintenance schedule and as required.

**Treatment Plant:**

The Nuevo Laredo Wastewater Treatment Plant treated a monthly average of 744 l/s with an average Biochemical Oxygen Demand (BOD5) of 4.63 mg/l, Total Suspended Solids (TSS) of 8.59 mg/l, Dissolved Oxygen of 8.42 mg/l and a pH of 7.59. The effluent requirements are BOD5 of 20 mg/l, TSS of 20 mg/l, DO of no less than 2 mg/l, pH of no less than 6 and no greater than 9. The operation and maintenance of the plant was normal with the equipment and structures being maintained periodically and as required to ensure an efficient wastewater treatment that would meet the required effluent standards as outlined in Minute 279.

For the month of March 1998, the operation and maintenance for the Nuevo Laredo Sanitation Project amounted to 963,426.51 pesos or \$115,380.42 dollars with an exchange rate of 8.35 pesos to the dollar. The U.S. participation was \$58,333.33 dollars or 50.6% of the cost.